



**Town of Clarkson
Office of the Supervisor
Pre-Emergency Disaster Plan**

APPENDIX B-10T

Hazard Specific Analysis: Air Contamination

Definition:

“Pollution caused by atmospheric conditions (as opposed to a chemical spill or release) such as temperature inversion induced smoggy condition sufficiently serious to create some danger to human health.”¹

Description:

Pollution is an increasing national problem. For several years now California has suffered with regular smog alerts. Prolonged periods of extreme temperatures as well as an increase in industry, ozone depletion and other factors have resulted in Monroe County, which includes the Town of Clarkson, being included with National Weather Service ozone condition alerts advising those in the community with chronic lung problems to be aware of the potential health hazard. This hazard is considered low with a rank of 10.

Overview of specific hazard locations and the extent of the hazard:

More detail will follow.

Previous occurrences of the hazard:

More detail will follow.

Probability of future occurrences and potential magnitude:

Extreme temperatures seem to heighten the probability of this hazard. The potential magnitude or the “extent of hazard” is measured by the duration of the contamination, its adverse health impacts, and the number of victims it claims. By itself, this hazard has been manageable. As a cascade event, or in tandem with other hazards, this hazard could create a community emergency.

¹ HAZNY

Maps of hazard areas:

More detail will follow.

Analysis of the impact on business, infrastructure & critical facilities:

Specific information concerning estimated value (\$) of potential loss, damage to structures, casualties, etc.

Notes on data limitations: Time and records access.